



June 2008

**DEPARTMENT OF EDUCATION**  
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 7

Test Date: March 2008  
Code: 12341625  
SAU: MSAD 40  
School: Union Elem & Gaul Middle Schs

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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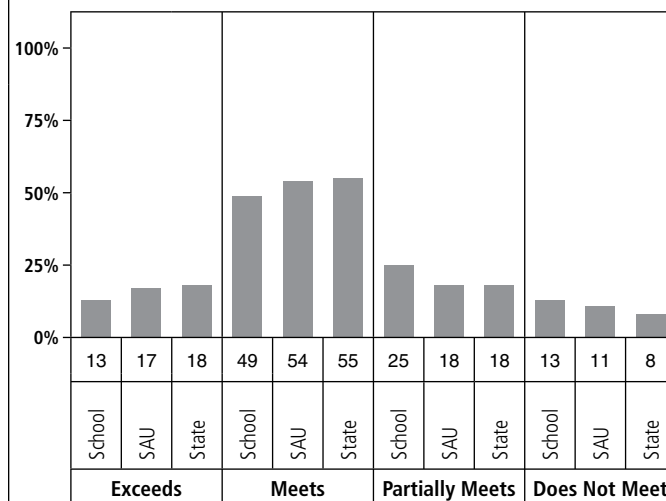
# SUMMARY OF SCORES

Test Date: March 2008  
Grade: 7  
SAU: MSAD 40  
School: Union Elem & Gaul Middle Schs

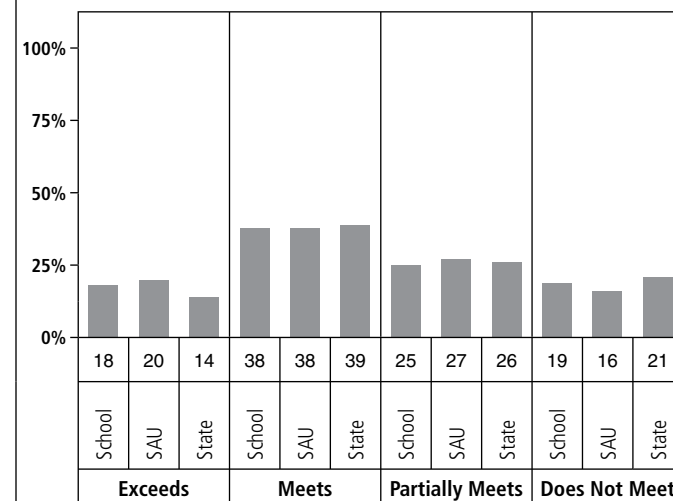
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2005–2006	747	743	745
2006–2007	746	745	748
<b>2007–2008</b>	<b>746</b>	<b>749</b>	<b>750</b>
Cum. Avg. *	746	746	748
<b>Mathematics</b>			
2005–2006	741	740	740
2006–2007	742	741	742
<b>2007–2008</b>	<b>744</b>	<b>745</b>	<b>743</b>
Cum. Avg. *	742	742	742

### ELA – READING



### MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008  
 Grade: 7  
 SAU: MSAD 40  
 School: Union Elem & Gaul Middle Schs

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	69	100	143	100	14818	100	69	100	142	99	14698	99	68	99	141	99	14694	99												
Ethnicity African American/Black	1	1	3	2	381	3	1	100	3	100	372	98	1	100	3	100	375	99												
American Indian or Native Alaskan	0	0	1	1	113	1	0	0	1	100	112	99	0	0	1	100	112	99												
Asian or Pacific Islander	0	0	2	1	219	1	0	0	2	100	213	97	0	0	2	100	217	99												
Hispanic	0	0	1	1	178	1	0	0	1	100	176	99	0	0	1	100	177	100												
Caucasian/White	68	99	136	95	13927	94	68	100	135	99	13825	99	67	99	134	99	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	15	22	26	18	2556	17	15	100	26	100	2508	99	15	100	26	100	2497	98												
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99												
Economically disadvantaged	33	48	72	50	5461	37	33	100	72	100	5408	99	33	100	72	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	56	81	102	71	12195	82	55	80	101	71	12215	82												
Identified disability (PET/IEP)	2	4	2	2	418	3	2	4	2	2	421	3												
LEP	0	0	0	0	183	2	0	0	0	0	183	1												
504 plan	3	5	3	3	181	1	3	5	3	3	182	1												
<b>Participation with accommodations</b>	13	19	36	25	2320	16	13	19	37	26	2303	16												
Identified disability (PET/IEP)	13	100	20	56	1912	82	13	100	21	57	1900	83												
LEP	0	0	0	0	159	7	0	0	0	0	173	8												
504 plan	0	0	0	0	56	2	0	0	0	0	55	2												
Other	0	0	16	44	244	11	0	0	16	43	226	10												
<b>Participation through alternate assessment (PAAP)</b>	0	0	4	3	178	1	0	0	3	2	176	1												
Identified disability (PET/IEP)	0	0	4	100	178	100	0	0	3	100	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	5	0																		
<b>Approved non-participation – special consideration</b>	0	0	0	0	27	0	0	0	0	0	28	0												
<b>Non-participation – other</b>	0	0	1	1	93	1	1	1	2	1	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2008  
Grade: 7  
SAU: MSAD 40  
School: Union Elem & Gaul Middle Schs

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	15	19	20	14	1769	11
	2006-2007	10	11	16	10	2630	18
	<b>2007-2008</b>	<b>9</b>	<b>13</b>	<b>23</b>	<b>17</b>	<b>2604</b>	<b>18</b>
	Cum. Total*	34	14	59	13	7003	16
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	41	51	62	44	7521	49
	2006-2007	48	51	79	48	7605	51
	<b>2007-2008</b>	<b>34</b>	<b>49</b>	<b>75</b>	<b>54</b>	<b>8049</b>	<b>55</b>
	Cum. Total*	123	50	216	49	23175	52
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	11	14	26	18	3773	24
	2006-2007	26	27	49	30	3000	20
	<b>2007-2008</b>	<b>17</b>	<b>25</b>	<b>25</b>	<b>18</b>	<b>2672</b>	<b>18</b>
	Cum. Total*	54	22	100	23	9445	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	14	17	34	24	2399	16
	2006-2007	11	12	19	12	1620	11
	<b>2007-2008</b>	<b>9</b>	<b>13</b>	<b>15</b>	<b>11</b>	<b>1190</b>	<b>8</b>
	Cum. Total*	34	14	68	15	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Total Reading Cluster</b>	<b>56</b>	<b>100</b>	32.7	58.4	34.9	62.3	35.3	63.0
<b>Literary Text</b>	<b>28</b>	<b>50</b>	15.9	56.8	17.0	60.7	17.3	61.8
<b>Informational Text</b>	<b>28</b>	<b>50</b>	16.8	60.0	17.9	63.9	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 7  
 SAU: MSAD 40  
 School: Union Elem & Gaul Middle Schs

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	69	9	13	34	49	17	25	9	13	746	138	17	54	18	11	749	14515	18	55	18	8	750
<b>Ethnicity</b>																						
African American/Black	1										3						365	10	49	19	22	742
American Indian or Native Alaskan	0										1						110	6	52	24	18	744
Asian or Pacific Islander	0										2						211	26	47	20	6	752
Hispanic	0										1						173	12	54	18	15	746
Caucasian/White	68	9	13	34	50	16	24	9	13	746	131	17	56	17	11	749	13656	18	56	18	8	750
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	15	1	7	1	7	6	40	7	47	731	22	5	23	27	45	733	2330	2	30	36	32	735
No	54	8	15	33	61	11	20	2	4	750	116	19	60	16	4	752	12185	21	60	15	4	753
<b>Current LEP</b>																						
Yes	0										0						342	8	46	22	24	741
No	69	9	13	34	49	17	25	9	13	746	138	17	54	18	11	749	14173	18	56	18	8	750
<b>Economically disadvantaged</b>																						
Yes	33	2	6	14	42	9	27	8	24	741	69	10	51	19	20	745	5299	9	51	26	14	745
No	36	7	19	20	56	8	22	1	3	750	69	23	58	17	1	753	9216	23	58	14	5	753
<b>Migrant</b>																						
Yes	0										0						1					
No	69	9	13	34	49	17	25	9	13	746	138	17	54	18	11	749	14514	18	55	18	8	750
<b>Gender</b>																						
Female	35	8	23	18	51	7	20	2	6	751	72	26	56	13	6	753	7084	24	55	15	6	752
Male	34	1	3	16	47	10	29	7	21	741	66	6	53	24	17	745	7431	12	56	21	11	747
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	7	0	0	1	14	2	29	4	57	728	13	0	38	15	46	733	946	6	47	34	12	743
No	62	9	15	33	53	15	24	5	8	748	125	18	56	18	7	751	13569	19	56	17	8	750
<b>Gifted/talented program</b>																						
Yes	0										0						574	61	38	1	0	765
No	69	9	13	34	49	17	25	9	13	746	138	17	54	18	11	749	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA–READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
Grade: 7  
SAU: MSAD 40  
School: Union Elem & Gaul Middle Schs

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights?																						
A. none	12	0	0	2	25	3	38	3	38	733	9	0	42	33	25	739	6	9	42	24	25	741
B. less than one hour	50	6	18	15	44	9	26	4	12	747	48	18	50	20	12	749	50	17	56	19	8	750
C. one to two hours	34	2	9	16	70	3	13	2	9	749	40	18	65	9	7	752	40	20	58	16	6	752
D. more than two hours	4	1	33	1	33	1	33	0	0	754	3	25	25	50	0	749	4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	50	7	21	14	41	10	29	3	9	748	41	23	54	18	5	752	36	24	58	14	5	753
B. They match some of what I have learned.	44	2	7	17	57	6	20	5	17	746	50	14	59	13	13	749	50	16	58	19	8	749
C. They match just a little of what I have learned.	4	0	0	3	100	0	0	0	0	750	6	0	50	50	0	744	11	13	45	26	16	745
D. There is no match.	1	0	0	0	0	0	0	1	100	704	3	0	0	25	75	724	3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	32	6	27	11	50	4	18	1	5	754	35	29	50	13	8	754	28	35	52	9	5	756
B. good	57	3	8	21	54	11	28	4	10	745	57	12	60	19	9	748	52	15	60	18	7	750
C. fair	10	0	0	2	29	1	14	4	57	731	7	0	40	20	40	736	18	3	49	33	15	742
D. poor	0										1	0	0	100	0	736	2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	12	1	13	2	25	2	25	3	38	734	13	11	56	17	17	745	16	13	48	23	16	745
B. about the same as my regular schoolwork	68	8	17	22	48	11	24	5	11	748	65	24	47	18	11	750	65	18	57	18	7	750
C. easier than my regular schoolwork	21	0	0	10	71	3	21	1	7	748	22	0	77	17	7	749	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	1	17	3	50	0	0	2	33	741	7	10	50	20	20	742	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	54	2	5	18	49	12	32	5	14	744	56	9	57	21	13	747	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	37	6	24	13	52	4	16	2	8	751	37	28	54	12	6	754	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	33	4	18	10	45	6	27	2	9	748	46	17	52	19	11	750	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	64	5	12	22	51	9	21	7	16	746	52	17	56	15	11	749	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	1	50	1	50	0	0	739	1	0	50	50	0	739	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	22	2	13	8	53	4	27	1	7	749	27	24	57	16	3	755	17	25	57	13	6	753
B. 20 minutes to an hour	53	5	14	19	53	7	19	5	14	747	45	16	57	15	11	749	45	22	56	16	6	752
C. less than 20 minutes	13	2	22	5	56	1	11	1	11	747	13	17	61	11	11	748	13	14	56	21	9	748
D. I rarely read at home.	12	0	0	2	25	4	50	2	25	737	15	5	38	33	24	740	24	8	53	26	13	745
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	0	0	0	0	1	100	720	67	0	0	50	50	729						
C.	0										0											
D.	50	0	0	1	100	0	0	0	0	746	33	0	100	0	0	746						

# MATHEMATICS RESULTS

Test Date: March 2008  
Grade: 7  
SAU: MSAD 40  
School: Union Elem & Gaul Middle Schs

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	12	15	17	12	1646	11
	2006-2007	15	16	24	15	2142	14
	<b>2007-2008</b>	<b>12</b>	<b>18</b>	<b>27</b>	<b>20</b>	<b>2028</b>	<b>14</b>
	Cum. Total*	39	16	68	15	5816	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	32	40	54	38	5497	36
	2006-2007	32	34	56	34	5642	38
	<b>2007-2008</b>	<b>26</b>	<b>38</b>	<b>52</b>	<b>38</b>	<b>5703</b>	<b>39</b>
	Cum. Total*	90	37	162	37	16842	38
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	16	20	35	25	4514	29
	2006-2007	27	28	45	28	4077	27
	<b>2007-2008</b>	<b>17</b>	<b>25</b>	<b>37</b>	<b>27</b>	<b>3733</b>	<b>26</b>
	Cum. Total*	60	25	117	26	12324	27
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	21	26	36	25	3797	25
	2006-2007	21	22	38	23	3001	20
	<b>2007-2008</b>	<b>13</b>	<b>19</b>	<b>22</b>	<b>16</b>	<b>3054</b>	<b>21</b>
	Cum. Total*	55	23	96	22	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.8	55.0	9.1	56.9	8.8	55.0
Cluster 2: Shape and Size	14	25	5.6	40.0	5.6	40.0	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.9	48.8	4.0	50.0	3.5	43.8
Cluster 4: Patterns	18	32	8.4	46.7	8.9	49.4	7.9	43.9

- Cluster 1: Numbers and Operations**  
A. Numbers and Number Sense  
B. Computation  
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**  
E. Geometry  
F. Measurement
- Cluster 3: Mathematical Decision Making**  
C. Data Analysis and Statistics  
D. Probability
- Cluster 4: Patterns**  
G. Patterns, Relations, and Functions  
H. Algebra Concepts  
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 7  
 SAU: MSAD 40  
 School: Union Elem & Gaul Middle Schs

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	68	12	18	26	38	17	25	13	19	744	138	20	38	27	16	745	14518	14	39	26	21	743
<b>Ethnicity</b>																						
African American/Black	1										3						372	5	24	25	45	731
American Indian or Native Alaskan	0										1						110	5	30	36	29	736
Asian or Pacific Islander	0										2						216	25	34	23	18	748
Hispanic	0										1						175	9	32	30	29	737
Caucasian/White	67	12	18	26	39	17	25	12	18	745	131	21	38	27	15	746	13645	14	40	26	20	743
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	15	0	0	2	13	4	27	9	60	727	23	0	13	35	52	729	2321	2	16	26	55	727
No	53	12	23	24	45	13	25	4	8	749	115	23	43	25	9	749	12197	16	44	26	15	746
<b>Current LEP</b>																						
Yes	0										0						356	7	23	24	45	731
No	68	12	18	26	38	17	25	13	19	744	138	20	38	27	16	745	14162	14	40	26	20	743
<b>Economically disadvantaged</b>																						
Yes	33	3	9	8	24	13	39	9	27	737	70	11	27	39	23	739	5301	5	31	31	33	736
No	35	9	26	18	51	4	11	4	11	751	68	28	49	15	9	752	9217	19	44	23	14	747
<b>Migrant</b>																						
Yes	0										0						1					
No	68	12	18	26	38	17	25	13	19	744	138	20	38	27	16	745	14517	14	39	26	21	743
<b>Gender</b>																						
Female	34	7	21	16	47	7	21	4	12	747	71	21	45	25	8	748	7086	14	40	26	20	743
Male	34	5	15	10	29	10	29	9	26	741	67	18	30	28	24	742	7432	14	38	25	22	743
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	7	0	0	2	29	2	29	3	43	733	13	0	23	38	38	731	946	4	23	36	37	733
No	61	12	20	24	39	15	25	10	16	745	125	22	39	26	14	747	13572	15	40	25	20	743
<b>Gifted/talented program</b>																						
Yes	0										0						575	64	31	3	1	765
No	68	12	18	26	38	17	25	13	19	744	138	20	38	27	16	745	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
Grade: 7  
SAU: MSAD 40  
School: Union Elem & Gaul Middle Schs

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	12	1	13	1	13	3	38	3	38	732	9	17	25	33	25	738	6	7	29	26	37	734
B. less than one hour	50	5	15	16	47	6	18	7	21	745	48	17	41	24	18	745	50	13	39	26	22	742
C. one to two hours	34	5	22	8	35	7	30	3	13	746	41	23	38	27	13	747	40	15	42	26	17	744
D. more than two hours	4	1	33	1	33	1	33	0	0	747	3	25	25	50	0	743	4	16	37	23	24	742
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	34	5	22	11	48	3	13	4	17	749	37	24	41	24	12	749	32	21	40	23	16	747
B. They match some of what I have learned.	51	6	17	12	34	12	34	5	14	743	49	19	39	30	12	746	50	12	42	27	19	743
C. They match just a little of what I have learned.	15	1	10	3	30	2	20	4	40	734	14	11	26	26	37	735	15	7	32	31	30	737
D. There is no match.	0										1	0	0	0	100	716	3	4	17	21	58	726
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	21	6	43	6	43	0	0	2	14	759	17	50	33	4	13	759	25	34	42	13	11	753
B. good	50	5	15	15	44	8	24	6	18	743	48	20	47	20	14	747	47	10	45	27	18	743
C. fair	21	0	0	5	36	6	43	3	21	735	28	3	34	45	18	738	23	3	30	36	32	735
D. poor	9	1	17	0	0	3	50	2	33	734	7	10	0	60	30	733	5	1	17	32	49	729
<b>How difficult was the mathematics part of this test?</b>																						
A. harder than my regular schoolwork	18	0	0	6	50	5	42	1	8	741	18	4	40	40	16	739	36	6	38	29	27	738
B. about the same as my regular schoolwork	66	8	18	14	32	11	25	11	25	741	69	21	35	26	18	745	53	13	42	27	18	744
C. easier than my regular schoolwork	16	4	36	6	55	0	0	1	9	759	12	35	53	6	6	759	11	40	32	15	13	753
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	35	3	13	9	39	8	35	3	13	742	48	15	38	32	14	744	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	59	9	23	15	38	7	18	8	21	747	49	26	38	20	17	748	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	1	25	1	25	2	50	731	4	0	20	40	40	732	5	10	27	27	36	736
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	12	1	13	1	13	3	38	3	38	734	7	22	11	33	33	738	9	15	37	25	23	742
B. two or three days a week	25	2	12	5	29	5	29	5	29	740	16	9	32	27	32	739	20	13	41	26	20	743
C. two or three times each month	26	4	22	11	61	3	17	0	0	754	22	30	43	23	3	753	30	15	40	27	18	744
D. never or almost never	37	5	20	9	36	6	24	5	20	743	55	18	39	28	14	745	41	13	39	26	23	742
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	37	4	16	6	24	6	24	9	36	738	34	11	33	28	28	740	20	17	39	23	22	744
B. two or three days a week	34	3	13	12	52	5	22	3	13	746	34	19	43	28	11	746	29	16	40	25	19	744
C. two or three times a month	19	3	23	5	38	5	38	0	0	750	20	26	44	30	0	753	26	13	40	28	20	743
D. never or almost never	9	2	33	2	33	1	17	1	17	750	12	35	24	18	24	747	24	10	39	27	24	740
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	1	0	0	0	0	0	0	1	100	720	1	0	0	0	100	718	8	7	32	26	35	736
B. 30–45 minutes	31	4	19	7	33	7	33	3	14	743	30	14	38	33	14	744	41	12	38	27	23	741
C. 45–60 minutes	66	8	18	19	42	10	22	8	18	746	63	23	40	24	13	748	41	17	42	24	16	745
D. more than 60 minutes	1	0	0	0	0	0	0	1	100	712	5	14	14	29	43	733	10	15	38	25	22	743
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	50	0	0	0	0	0	0	1	100	700	67	0	50	0	50	725						
C.	0										0											
D.	50	0	0	0	0	1	100	0	0	738	33	0	0	100	0	738						